

**APPENDIX A**

**SAMPLE COLLECTION LOGS AND  
ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS**

## **SAMPLE COLLECTION LOGS**



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## Sample Collection Log

**Project:** 800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 208-030300-08K

Site: Former Shell Tapping Area, Anniston Army

Location Code: RNG-208-MW01

Collection Date: 03-03-00

Sample Number: RP0001

Collection Time: 1243

Sample Name: RNG-208-MW01-SS-RP0001-REG

Start Depth: 0

Sampling Method: DPSS

End Depth: 2

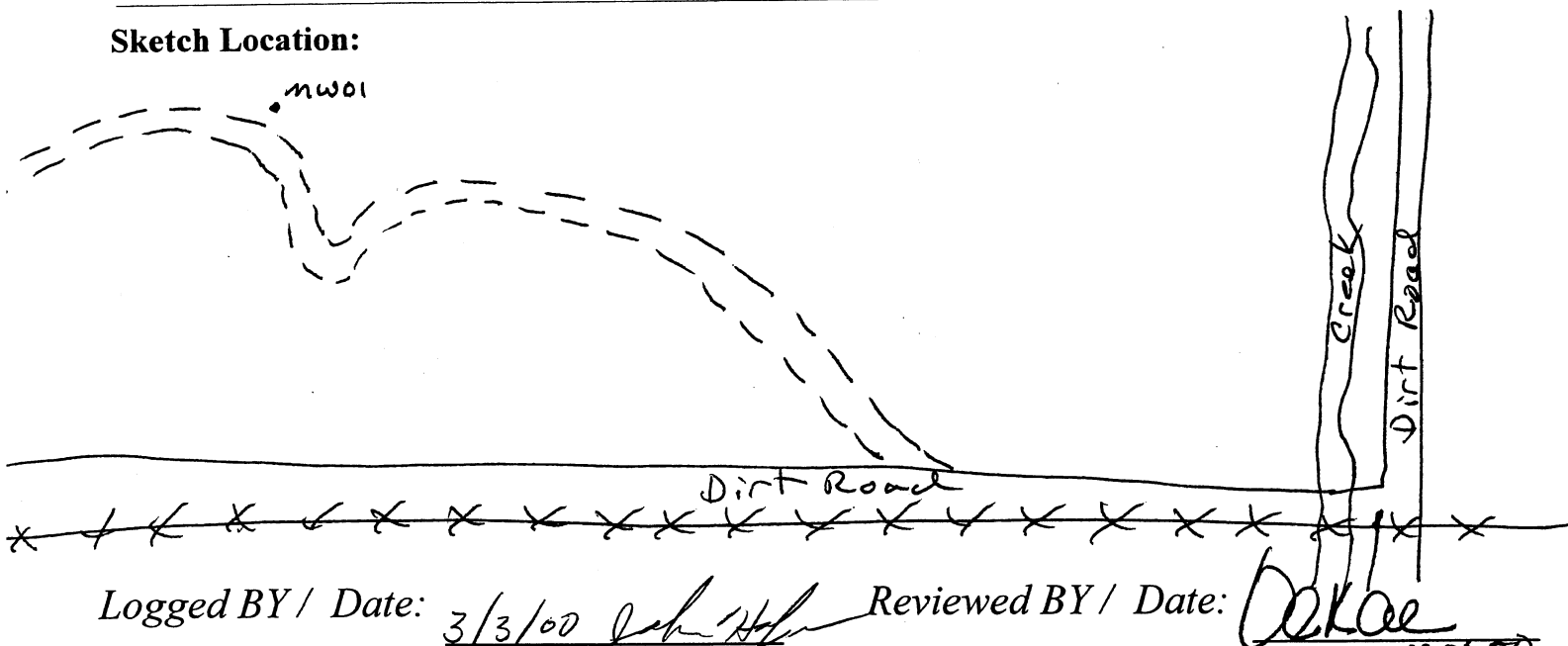
Sample Team: Hofer

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
CA BREAKDOWN	N	D	1	8	oz	CWM
ORTHOSULFUR	N	D	1	8	oz	CWM

**COMPLETED**

Comments:

Sketch Location:



Logged BY / Date:

3/3/00

Reviewed BY / Date:

DeKoe



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## Sample Collection Log

**Project:** 800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 208-030300-061

Site: **Former Shell Tapping Area, Anniston Army**

Location Code: **RNG-208-MW02**  
01

Collection Date: 03-03-00

Sample Number: **RP0005-MS**

Collection Time: 1243

Sample Name: **RNG-208-MW02-SS-RP0005-MS**  
01

Start Depth: 0

Sampling Method: **DPSS**

End Depth: 2

### Containers

Analytical Suite    Flt Frtn Qty Size Units Type

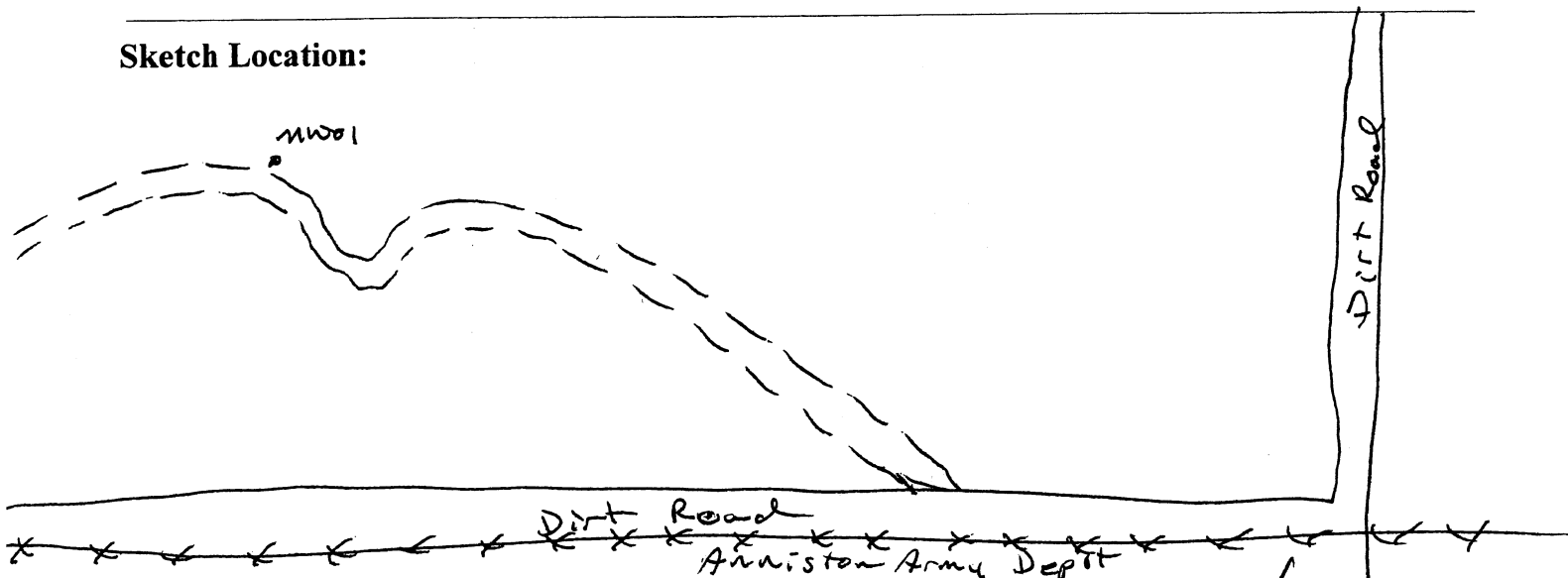
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
CA BREAKDOWN	N	D	1	8	oz	CWM
ORTHO-SULFUR	N	D	1	8	oz	CWM

Sample Team: Hofen

**COMPLETED**

Comments: Sample moved FROM RNG-208-MW02

### Sketch Location:



Logged BY / Date: Jah/Hofen 3/3/00

Reviewed BY / Date: DeKane



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## Sample Collection Log

Project: 800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 208-030300 QSK

Site: Former Shell Tapping Area, Anniston Army

Location Code: RNG-208-MW02  
01

Collection Date: 03-03-00

Sample Number: RP0005-MSD

Collection Time: 1243

Sample Name: RNG-208-MW02-SS-RP0005-MSD  
01

Start Depth: 0

Sampling Method: DP

End Depth: 2

### Containers

Analytical Suite    Flt Frtn Qty Size Units Type

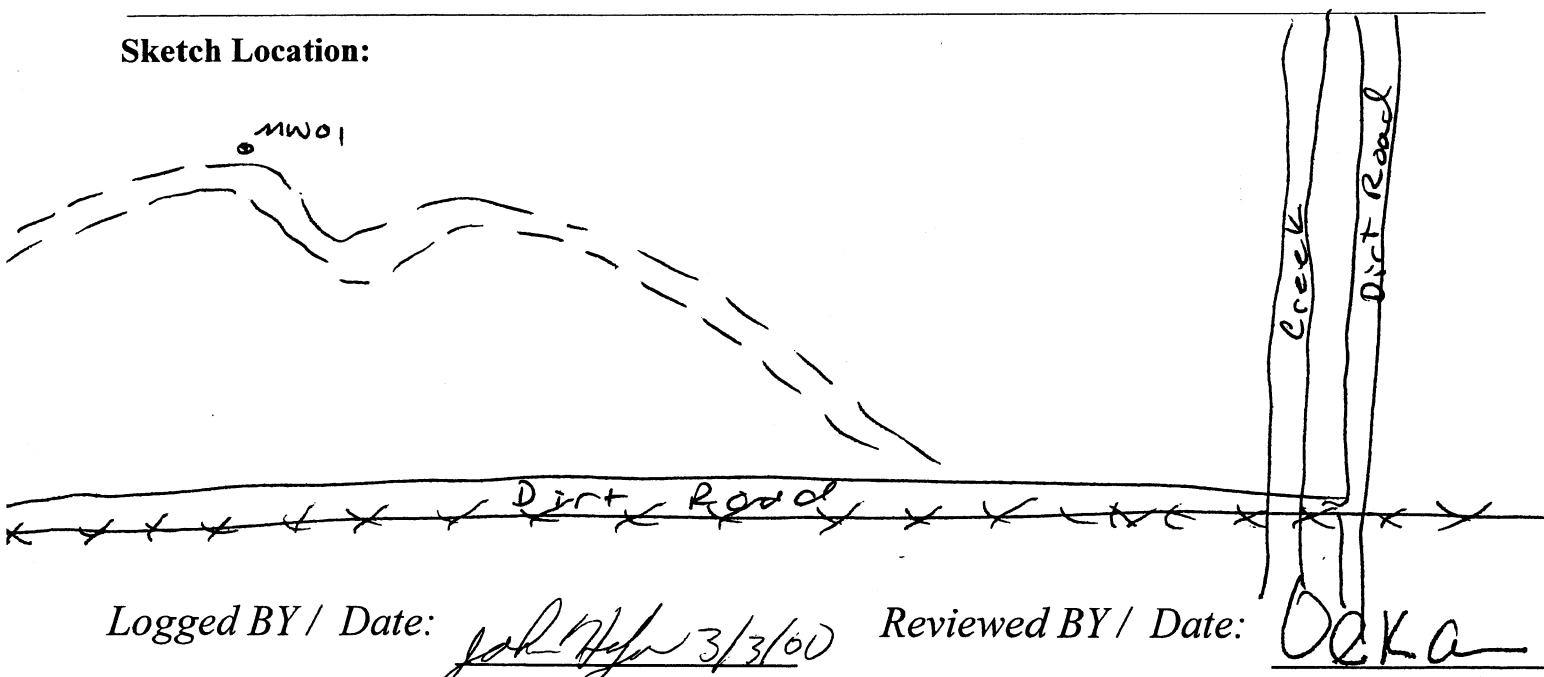
VOLATILES-3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
CA BREAKDOWN	N	D	1	8	oz	CWM
ORTHO-SULFUR	N	D	1	8	oz	CWM

Sample Team: Hofer

**COMPLETED**

Comments: Sample moved from RNG-208-MW02

Sketch Location:



Logged BY / Date: for Hofer 3/3/00

Reviewed BY / Date: OAKA



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## Sample Collection Log

**Project:** 800492 Fort McClellan

**Manager:** Jeanne Yacoub

**Site:** Former Shell Tapping Area, Anniston Army

**Location Code:** RNG-208-MW01

**Sample Number:** RP0004

**Sample Name:** RNG-208-MW01-DS-RP0004-REG

**Sampling Method:** DP

**RFA / COC Number:** 208-030300-QSL

**Collection Date:** 03-03-00

**Collection Time:** 1342

**Start Depth:** 4

**End Depth:** 7

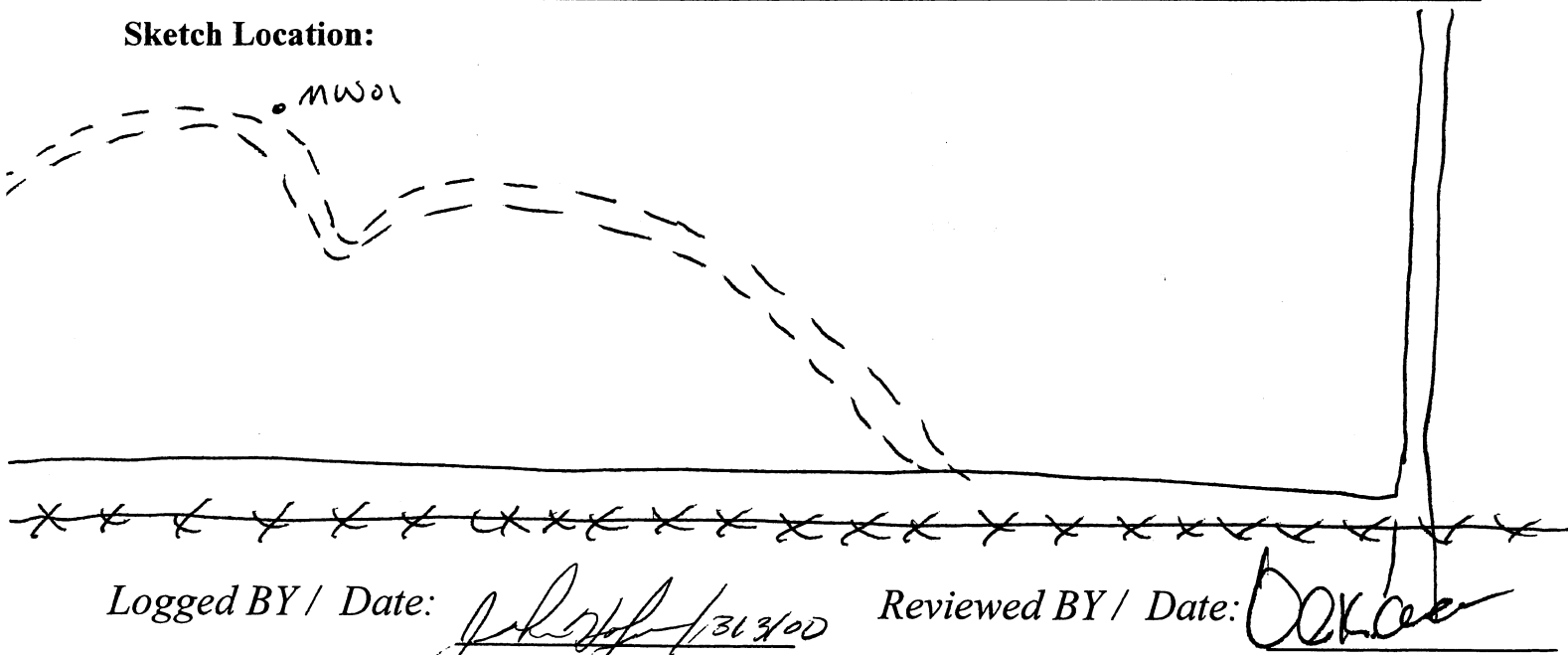
**Sample Team:** Hofer

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
VOLATILES 3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
CA BREAKDOWN	N	D	1	8	oz	CWM
ORTHO-SULFUR	N	D	1	8	oz	CWM

**COMPLETED**  
*[Signature]*

**Comments:** Refusal @ 7

**Sketch Location:**



**Logged BY / Date:** J. Hofer / 3/31/00

**Reviewed BY / Date:** J. Hofer



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## Sample Collection Log

Project: 800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 208-030200-QSK

Site: Former Shell Tapping Area, Anniston Army

Location Code: RNG-208-MW02

Sample Number: RP0005

Sample Name: RNG-208-MW02-SS-RP0005-REG

Sampling Method: ~~DP~~ SS

Collection Date: 03-02-00

Collection Time: 1417

Start Depth: 0

End Depth: 2

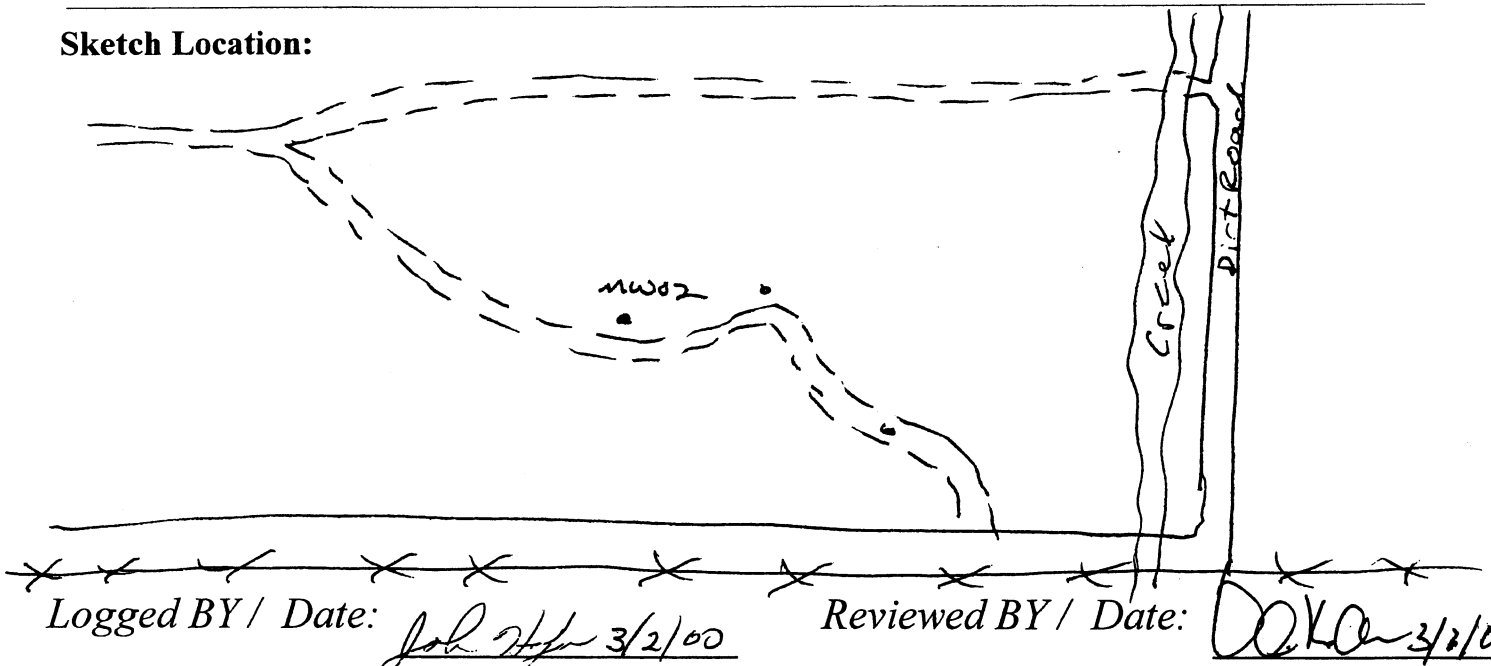
Sample Team: Hofen

Analytical Suite	Containers			Units	Type
	Flt	Frtn	Qty		
VOLATILES 3	N	A	3	5	g EnCore
METALS-S	N	B	1	8	oz CWM
SEMIVOLATILES	N	B	1	8	oz CWM
NITROAROMATIC	N	C	1	8	oz CWM
CA BREAKDOWN	N	D	1	8	oz CWM
ORTHO-SULFUR	N	D	1	8	oz CWM

**COMPLETED**  
*J. Hofen*

Comments: wooded area

Sketch Location:



Logged BY / Date: J. Hofen 3/2/00

Reviewed BY / Date: D. K. 3/2/00



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## Sample Collection Log

Project: 800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 208-030300-QSK

Site: Former Shell Tapping Area, Anniston Army

Location Code: RNG-208-MW01<sup>02</sup>

Sample Number: RP0002

Sample Name: RNG-208-MW01-SS-RP0002-FD

Sampling Method: ~~DP~~ SS<sup>02</sup>

Collection Date: 03-02-00

Collection Time: 1417

Start Depth: 0

End Depth: 2

Sample Team: Hofer

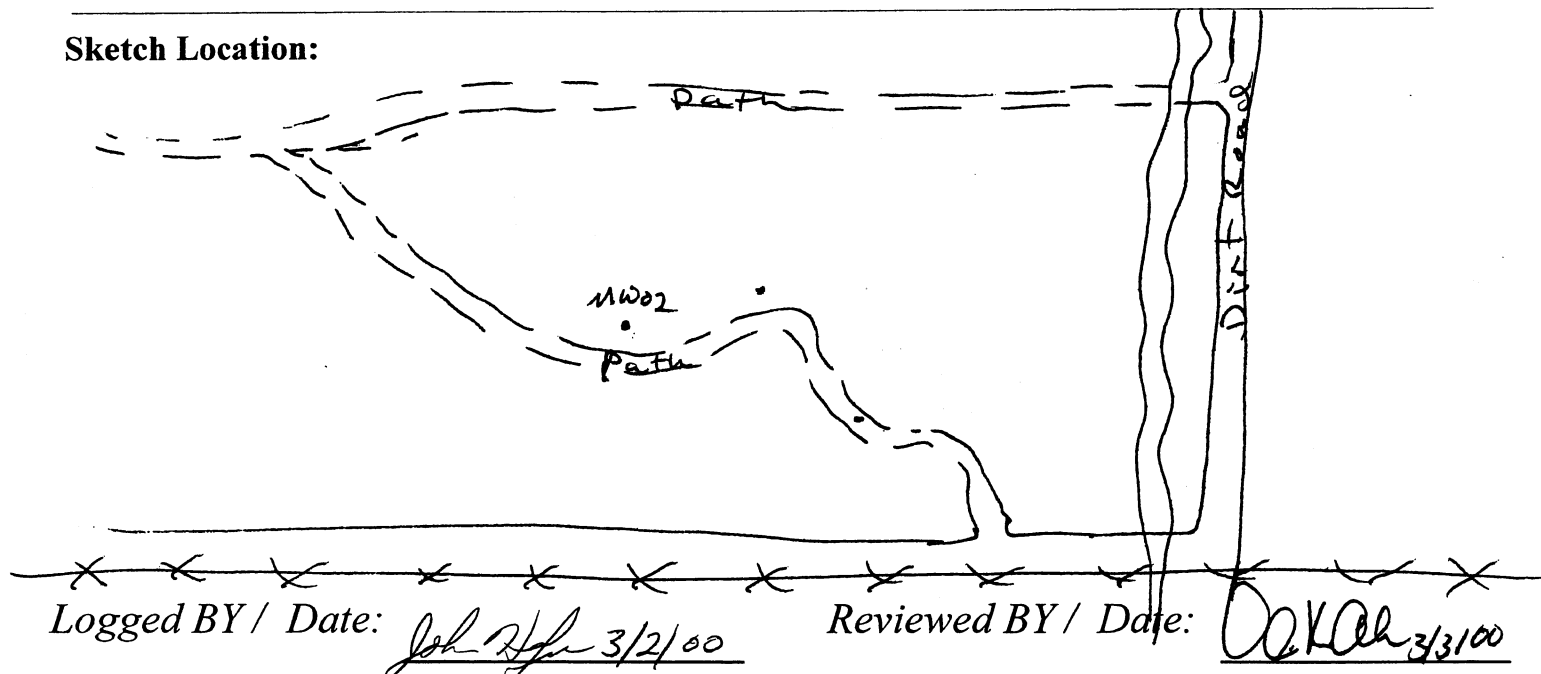
Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES-3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
CA BREAKDOWN	N	D	1	8	oz	CWM
ORTHOSULFUR	N	D	1	8	oz	CWM

**COMPLETED**

Comments: moved FROM RNG-208-MW01

wooded area

Sketch Location:



Logged BY / Date: Joh Hofer 3/2/00

Reviewed BY / Date: C. K. Ah 3/3/00





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## Sample Collection Log

Project: 800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 208-030200-SAB

Site: Former Shell Tapping Area, Anniston Army

Collection Date: 03-02-00

Location Code: RNG-208-MW01

Collection Time: 1417

Sample Number: RP0003

Sample Name: RNG-208-MW01-SS-RP0003-FS

Start Depth: 0

Sampling Method: DPSS

End Depth: 2

### Containers

Analytical Suite Flt Frtn Qty Size Units Type

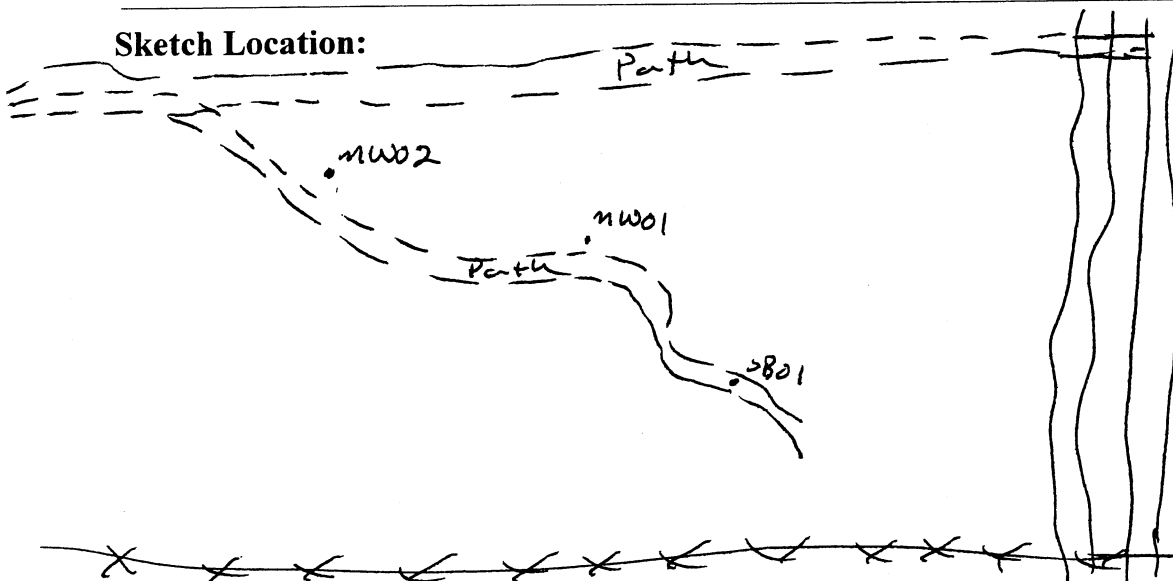
VOLATILES 3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
CA BREAKDOWN	N	D	1	8	oz	CWM
ORTHO-SULFUR	N	D	1	8	oz	CWM

Sample Team: Hofen

**COMPLETED**  
*[Signature]*

Comments: moved from MW01, wooded area

Sketch Location:



Logged BY / Date: Joh Hofen 3/2/00

Reviewed BY / Date: DeLoe 03/03/00



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## Sample Collection Log

**Project:** 800492 Fort McClellan

**Manager:** Jeanne Yacoub

**RFA / COC Number:** 208-030300-QSIC

**Site:** Former Shell Tapping Area, Anniston Army

**Location Code:** RNG-208-MW02

**Collection Date:** 03-02-00

**Sample Number:** RP0006

**Collection Time:** 1603

**Sample Name:** RNG-208-MW02-DS-RP0006-REG

**Start Depth:** 8

**Sampling Method:** ~~DP~~ SS

**End Depth:** 12

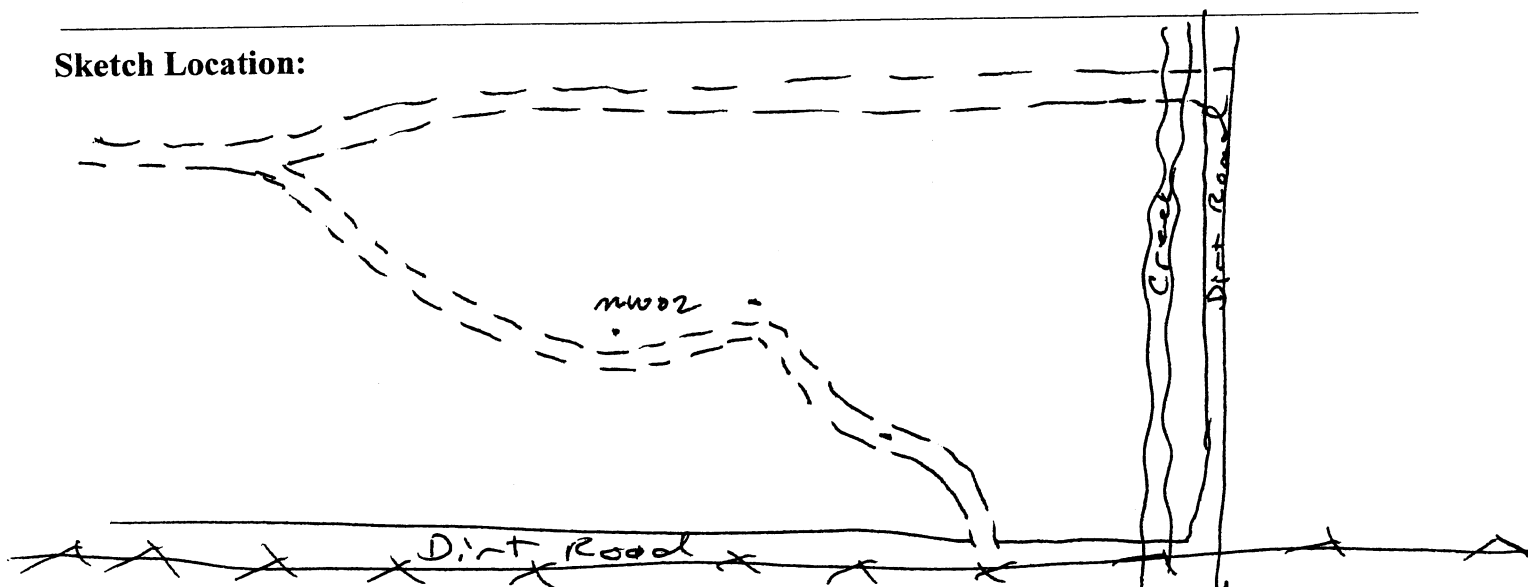
**Sample Team:** Hoyer

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
VOLATILES 3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
CA BREAKDOWN	N	D	1	8	oz	CWM
ORTHO-SULFUR	N	D	1	8	oz	CWM

**COMPLETED**

**Comments:** insufficient soil in 2 ft spoon to fill jar requirement

**Sketch Location:**



**Logged BY / Date:** John Hoyer 3/2/00

**Reviewed BY / Date:** Q. La 3/3/00



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## Sample Collection Log

Project: 800492 Fort McClellan

Manager: Jeanne Yacoub

Site: Former Shell Tapping Area, Anniston Army

Location Code: RNG-208-SB01

Sample Number: RP0007

Sample Name: RNG-208-SB01-SS-RP0007-REG

Sampling Method: ~~DP~~ SS

RFA / COC Number: 208-030300-QSK

Collection Date: 03-03-00

Collection Time: 0900

Start Depth: 0

End Depth: 2

Sample Team: Hofer

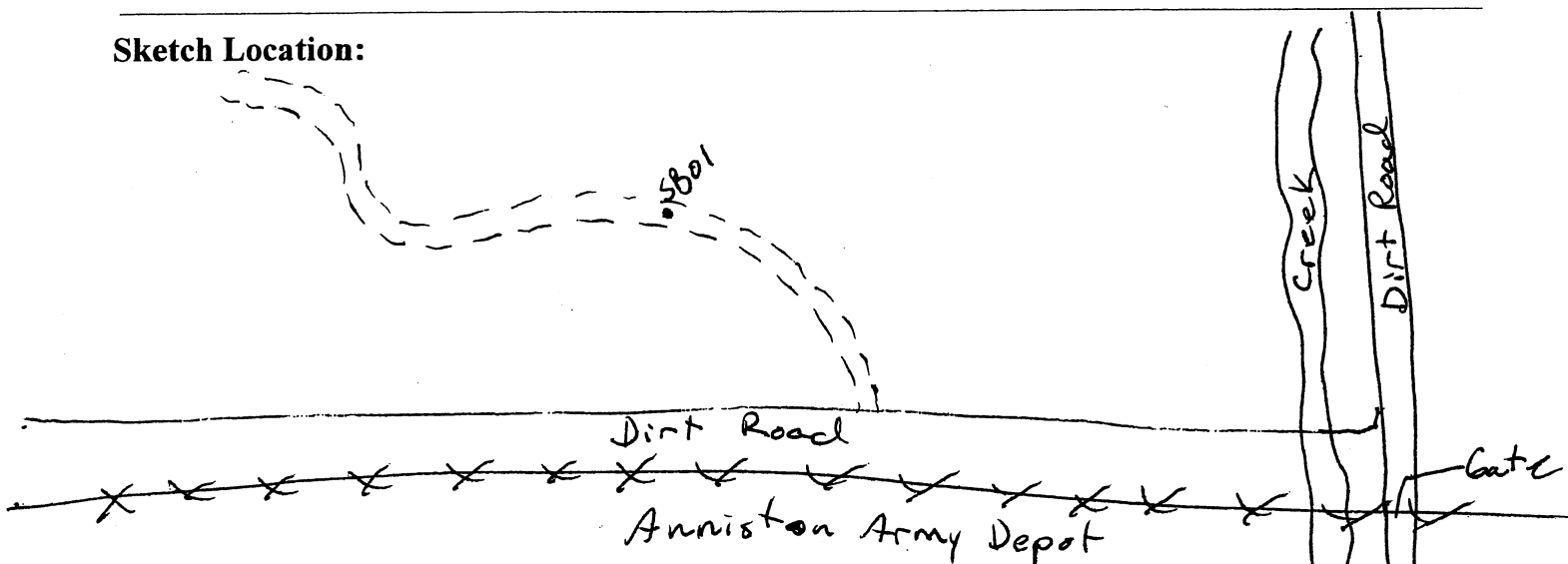
Analytical Suite      Containers  
Flt Frtn Qty Size Units Type

VOLATILES 3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
CA BREAKDOWN	N	D	1	8	oz	CWM
ORTHO-SULFUR	N	D	1	8	oz	CWM

**COMPLETED**

Comments: PID 0.1 Wooded Area

Sketch Location:



Logged BY / Date: 3/3/00 *[Signature]*

Reviewed BY / Date: *[Signature]* 03/04/00



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## Sample Collection Log

Project: 800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: \_\_\_\_\_

Site: Former Shell Tapping Area, Anniston Army

Location Code: RNG-208-SB01

Sample Number: RP0008

Sample Name: RNG-208-SB01-DS-RP0008-REG

Sampling Method: DP

Collection Date: 03-03-00

Collection Time: 1033

Start Depth: 10

End Depth: 12

Sample Team: Horen

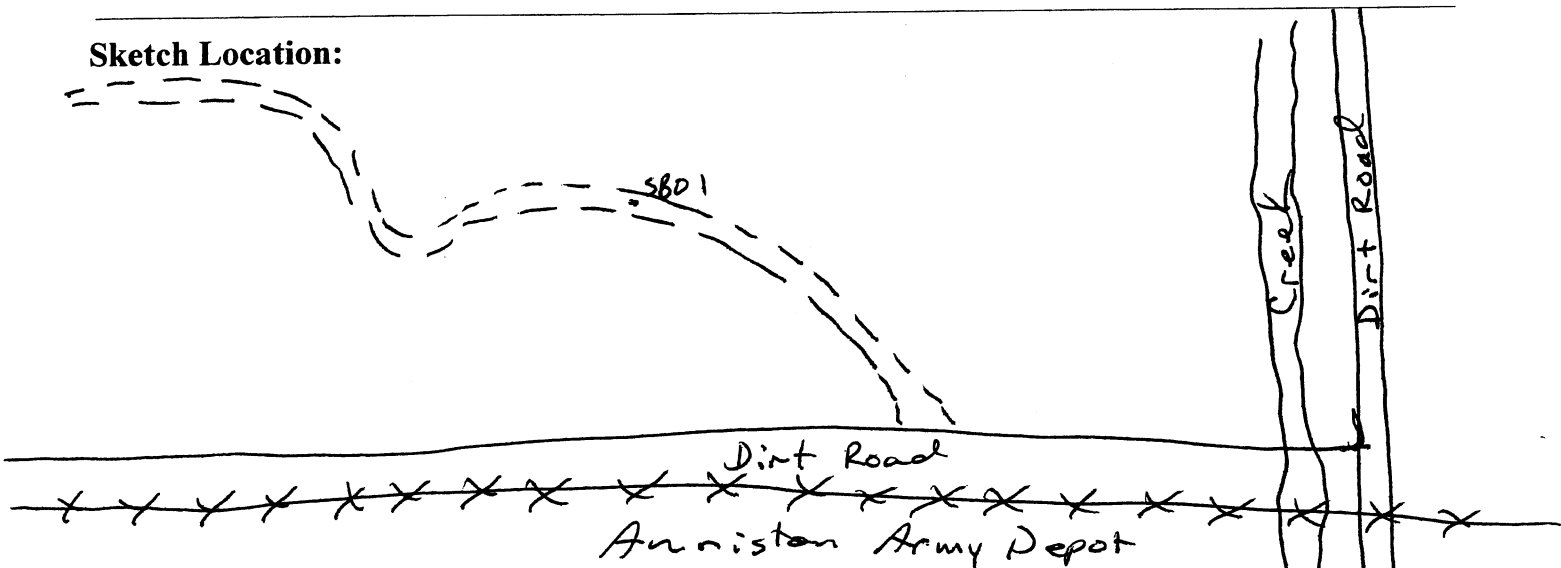
Analytical Suite      Containers  
Flt Frtn Qty Size Units Type

VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
CA BREAKDOWN	N	D	1	8	oz	CWM
ORTHO-SULFUR	N	D	1	8	oz	CWM

**COMPLETED**

Comments: P10: 2.3

Sketch Location:



Logged BY / Date: 3/3/00 [Signature]

Reviewed BY / Date: [Signature]

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## Sample Collection Log

**Project: 800492 Fort McClellan**  
Manager: Jeanne Yacoub

RFA / COC Number: 208-062100-QSK

Site: **Former Shell Tapping Area, Anniston Army**

Collection Date: 6-21-00

Location Code: **RNG-208-MW01**

Collection Time: 1325

Sample Number: **RP3001**

Sample Name: **RNG-208-MW01-GW-RP3001-REG**

Start Depth: 85.20

Sampling Method: **SP**

End Depth: 86.24

### Containers

Analytical Suite    Flt Frtn Qty Size Units Type

Sample Team: D.K. ALLEN

VOLATILES 3	N A 3	40	mL	VOA Vial
SEMIVOLATILES	N B 1	1	L	Amb Glass
METALS W	N C 1	1	L	HDPE
NITROAROMATIC	N D 1	1	L	Amb Glass
CA BREAKDOWN	N E 1	1	L	Amb Glass
ORTHO SULFUR	N F 1	1	L	Amb Glass

Volatiles & metal PH less than 2.

### PURGE RECORD:

Initial	Time(24hr)	Depth to Water (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	1220	85.20	START						
	1238	85.87	125	6.95	.224	313	5.65	19.8	1.3
	1248	86.05	140	6.97	.246	165	4.70	19.0	2.6
	1256	86.23	140	6.93	.251	80.5	3.88	18.3	3.9
	1303	86.25	150	7.00	.252	39.3	3.92	17.9	5.2
	1311	86.24	145	6.99	.254	8.62	3.96	18.1	6.5
Sample:									

DW    TD    WC    PV    PFO  
 85.20    93.31    8.1    1.3    0.0

Logged BY / Date: MV 000

Reviewed BY / Date:

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# Sample Collection Log

**Project:** 800492 Fort McClellan

**Manager:** Jeanne Yacoub

**RFA / COC Number:** 208-062160-QSK

**Site:** Former Shell Tapping Area, Anniston Army

**Collection Date:** 6-21-00

**Location Code:** RNG-208-MW01

**Collection Time:** 1325

**Sample Number:** RP3002

**Sample Name:** RNG-208-MW01-GW-RP3002-FD

**Start Depth:** 85.20

**Sampling Method:** SP

**End Depth:** 86.24

## Containers

Analytical Suite Flt Frtn Qty Size Units Type

VOLATILES 3	N A	3	40	mL	VOA Vial
SEMIVOLATILES	N B	1	1	L	Amb Glass
METALS W	N C	1	1	L	HDPE
NITROAROMATIC	N D	1	1	L	Amb Glass
CARBON BREAKDOWN	N E	1	1	L	Amb Glass
ORTHOSULFUR	N F	1	1	L	Amb Glass

**Sample Team:** D.K. Allen

Volatiles & metals pH less than 2.

## PURGE RECORD:

10-02-2010									
Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
See Purge Record for RP3001									

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## Sample Collection Log

**Project: 800492 Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 208-062100-QSK

Site: **Former Shell Tapping Area, Anniston Army**

Collection Date: 6-21-00

Location Code: **RNG-208-MW02**

Collection Time: 1135

Sample Number: **RP3004**

Sample Name: **RNG-208-MW02-GW-RP3004-REG**

Start Depth: 71.48

Sampling Method: **SP**

End Depth: 73.07

### Containers

Analytical Suite    Flt Frtn Qty Size Units Type

VOLATILES 3	N	A	3	40	ml	VDA Vial
SEMIVOLATILES	N	B	1	1	L	Amb Glass
METALS W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	1	1	L	Amb Glass
CA BREAKDOWN	N	E	1	1	L	Amb Glass
ORTHO-SULFUR	N	F	1	1	L	Amb Glass

Sample Team: D.K. Allen

Volatiles & Metals pH Less than 2.

### PURGE RECORD:

Initial	Time(24hr)	Depth to Water (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	0920	71.48	START						
	0925	72.42	60	6.39	.189	195	4.40	19.3	1
	0952	72.55	85	6.70	.189	251	4.24	18.9	5.2
	1016	72.96	110	6.97	.215	267	3.52	17.8	10.4
	1038	72.92	140	7.04	.229	187	2.51	17.8	15.6
	1059	73.04	160	7.02	.229	468	2.49	17.8	20.8
	1123	73.07	145	7.03	.229	29.7	2.50	17.9	26.0
Sample:									

DTW      TD      WC      PV      PID      Bckgrnd  
 71.48      103.72      32.24      5.2      0.2      0.0

Logged BY / Date: NY 000

Reviewed BY / Date:

JUL 13 2000



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# Sample Collection Log

**Project:** 800492 Fort McClellan  
Museum Jeanne Vachon

**Manager: Jeanne Yacoub**

RFA / COC Number: 208-062100-QSK

**Site: Former Shell Tapping Area, Anniston Army**

Collection Date: 6-21-00

**Location Code: RNG-208-MW02**

Collection Time: 1135

**Sample Number:** RP3004-MS

**Sample Name: RNG-208-MW02-GW-RP3004-MS**

Start Depth: 71.48

**Sampling Method: SP**

End Depth: 73.07

## Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
------------------	-----	------	-----	------	-------	------

Sample Team: D.K. Allen

VOLATILES 3	N A	3	40	mL	VOA Vial
SEMIVOLATILES	N B	1	1	1	Amb. Glass
METALS-W	N C	1	1	1	HDPE
NITROAROMATIC	N D	1	1	1	Amb. Glass
CA BREAKDOWN	N E	1	1	1	Amb. Glass
ORTHO SULFUR	N F	1	1	1	Amb. Glass

Volatiles = METALS pH less than 2

**PURGE RECORD:**

<u>PURGE RECORD</u>								
Initial Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sec Purge Record for RP3004								
Sample:								

<u>DTW</u>	<u>TD</u>	<u>WC</u>	<u>PV</u>	<u>PIO</u>	<u>Bergw</u>
71.48	103.72	32.24	5.2	0.2	0.0

Logged BY / Date: NY 00.

*Reviewed BY / Date:*



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# Sample Collection Log

**Project:** 800492 Fort McClellan  
Manager: Jeanne Yacoub

RFA / COC Number: 208-DB2100-QSK

Site: Former Shell Tapping Area, Anniston Army

Collection Date: 6-21-00

Location Code: RNG-208-MW02

Collection Time: 1135

Sample Number: RP3004-MSD

Sample Name: RNG-208-MW02-GW-RP3004-MSD

Start Depth: 71.48

Sampling Method: SP

End Depth: 73.07

## Containers

Analytical Suite Flt Frtn Qty Size Units Type

VOLATILES 3	N A	3	40	mL	VOA Vial
SEMIVOLATILES	N B	1	1	L	Amb. Glass
METALS W	N C	1	1	L	HDPE
NITROAROMATIC	N D	1	1	L	Amb. Glass
CA BREAKDOWN	N E	1	1	L	Amb. Glass
ORTHO SULFUR	N F	1	1	L	Amb. Glass

Sample Team: D.K. Allen

VOLATILES + METALS pH less than 2.

## PURGE RECORD:

Initial Time(24hr)	Depth to Water (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
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Sec Purge Record For RP3004.

Sample:

<u>DTW</u>	<u>TD</u>	<u>WC</u>	<u>PV</u>	<u>P10</u>	<u>Bekgrw</u>
71.48	103.72	32.24	5.2	0.2	0.0

Issued BY / Date: M. Yacoub

Reviewed BY / Date:



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**COMPLETED**

*J. Hylar*

## Sample Collection Log

**Project:** 800492 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 208-030800-QSK

Site: **Former Shell Tapping Area, Anniston Army**

Collection Date: 03-08-00

Location Code: **RNG-208-SW/SD01**

Collection Time: 1430

Sample Number: **RP1001**

Sample Name: **RNG-208-SW/SD01-SD-RP1001-REG**

Start Depth: Ø

Sampling Method: **HA**

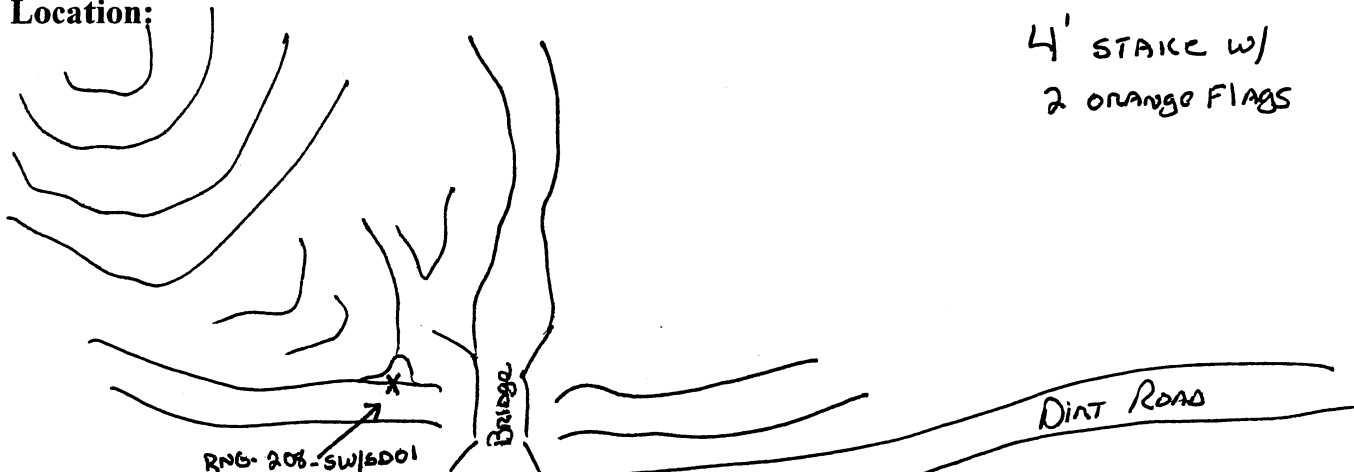
End Depth: Ø.5

Sample Team: Allen

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
SEMIVOLATILES	N	B	1	8	oz	CWM
NITROAROMATIC	N	C	1	8	oz	CWM
GR. SIZE	N	D	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM
CA BREAKDOWN	N	F	1	8	oz	CWM
ORTHO-SULFUR	N	F	1	8	oz	CWM

Comments:

Sketch Location:



Logged BY / Date: DEKae 030800

Reviewed BY / Date: J. Hylar 3/14/00



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**COMPLETED**

*[Signature]*

## Sample Collection Log

**Project:** 800492 Fort McClellan

**Manager:** Jeanne Yacoub

**Site:** Former Shell Tapping Area, Anniston Army

**Location Code:** RNG-208-SW/SD01

**Sample Number:** RP2001

**Sample Name:** RNG-208-SW/SD01-SW-RP2001-REG

**Sampling Method:** GRAB

**RFA / COC Number:** 208-030800-QSK

**Collection Date:** 03-08-00

**Collection Time:** 1430

**Start Depth:**  $\phi$

**End Depth:**  $\phi$

**Sample Team:** Allen

### Containers

Analytical Suite    Flt Frtn Qty Size    Units    Type

VOLATILES 3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES	N	B	1	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	1	1	L	Amb. Glass
CA BREAKDOWN	N	E	1	1	L	Amb. Glass
ORTHO-SULFUR	N	F	1	1	L	Amb. Glass

Surface Water Parameters:	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)
	105	7.20	111	18.1	3.88	19.1

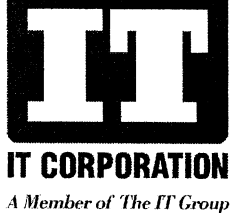
**Comments:** Volatiles & Metals Ph Less than 2

**Sketch Location:**

**Logged BY / Date:** D. K. Lee 030800

**Reviewed BY / Date:** John Yacoub 3/14/00

## **ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS**



H0C030232

# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030200-QSK

Page 1 of 2

Project Number: 800492

Samples Shipment Date: 02 MAR 2000

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: Quanterra Environmental Services - Knoxville

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Jason Brown

Lab Contact: John Reynolds

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Randy McBride

Carrier/Waybill No.: Fed Ex/Quicksilver

Special Instructions: Hold until Certificate of Analysis is faxed to your office

## Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

## Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)1. Relinquished By *D. K. Lee* Date: *03-02-00*  
(Signature/Affiliation) Time: *1830*1. Received By *J. Nielsen* Date: *3/2/00*  
(Signature/Affiliation) Time: *1830*2. Relinquished By Date:  
(Signature/Affiliation) Time:2. Received By *Justin Walker* Date: *3-3-00*  
(Signature/Affiliation) Time: *8:30*3. Relinquished By Date:  
(Signature/Affiliation) Time:3. Received By Date:  
(Signature/Affiliation) Time:

Comments: RP0002 moved from RNG-208-MW01

*Recd at 20°C \*Temp taken after  
No Custody Seals being stored in walk-in  
on 3-3-00 cooler until clearance  
was Recd!*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
RP0002	RNG-208-MW01-SS-RP0002-FD	02 MAR 2000	14:17	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0002	RNG-208-MW01-SS-RP0002-FD	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0002	RNG-208-MW01-SS-RP0002-FD	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0002	RNG-208-MW01-SS-RP0002-FD	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0005	RNG-208-MW02-SS-RP0005-REG	02 MAR 2000	14:17	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0005	RNG-208-MW02-SS-RP0005-REG	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	



IT CORPORATION

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HD030232

# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030200-QSK

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
RP0005	RNG-208-MW02-SS-RP0005-REG	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0005	RNG-208-MW02-SS-RP0005-REG	02 MAR 2000	14:17	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0006	RNG-208-MW02-DS-RP0006-REG	02 MAR 2000	16:03	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0006	RNG-208-MW02-DS-RP0006-REG	02 MAR 2000	16:03	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0006	RNG-208-MW02-DS-RP0006-REG	02 MAR 2000	16:03	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0006	RNG-208-MW02-DS-RP0006-REG	02 MAR 2000	16:03	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	



1309 Continental Drive, Suite N  
Abingdon, MD 21009-2335  
Phone 410-676-4300  
Fax 410-676-4004

March 2, 2000

Project Name: Fort McClellan  
Site Identification: Range K & Shell Tapping Area  
Analyst: Robert H. Lee

Sample Number	Sample Name	Sample Time	Sample Date
RG0009	Range K	0950	3/02/00
RG0010	Range K	0855	3/02/00
RP0002	Shell Tapping Area	1417	3/02/00
RP0006	Shell Tapping Area	1603	3/02/00

Samples RG0009, RG0010, RP0002, and RP0006 have been headspace analyzed and no agent was detected. I certify that Samples RG0009, RG0010, RP0002, and RP0006 are safe to transport.

Sample coolers will not be opened and processed until receipt of a final agent clearance fax from the QS office in Abingdon, Maryland. *Encore samplers will be handled in accordance with any special instructions regarding immediate preservation, as required.*

Robert H. Lee  
Principal Chemist  
Quicksilver Analytics

**SUBJECT: Sample Clearance**

Then following samples taken from the Ft. McClellan (work for IT Group) on 2 March 2000 have been analyzed in accordance with the US Army Chemical Biological Forensic Analytical Center procedures and have been cleared for GB, HD and VX.

Field Sample Number	FAC Sample Number	Date / Time Taken	Sample Result
RG0010	98014-096-01	03-02-00 / 0950	<0.020 ug/g
RG0009	98014-096-02	03-02-00 / 0855	<0.020 ug/g
RP0002	98014-096-03	03-02-00 / 1417	<0.020 ug/g
RP0006	98014-096-04	03-02-00 / 1603	<0.020 ug/g

RPOOS?

**Questions or comments should be addressed to the undersigned at 410-676-4300.**

*J. Williams*  
J. Kirk Williams

**J. Kirk Williams**  
Principal Chemist  
QuickSilver Analytics, Inc.



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030300-QSK

Page 1 of 2

Project Number: 800492

Samples Shipment Date: 03 MAR 2000

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: Quanterra Environmental Services - Knoxville

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Jason Brown

Lab Contact: John Reynolds

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Randy McBride

Carrier/Waybill No.: Fed Ex/Quicksilver

Special Instructions: Hold until Certificate of Analysis is faxed to your office

## Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

## Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By  
(Signature/Affiliation) *DeKase*

Date: *03-03-00*  
Time: *1600*

1. Received By  
(Signature/Affiliation) *Robert Lee*

Date: *3/03/2000*  
Time: *1453*

2. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

2. Received By  
(Signature/Affiliation) *Justin Hatten*

Date: *3-4-00*  
Time: *10:15*

3. Relinquished By  
(Signature/Affiliation)

Date:  
Time:

3. Received By  
(Signature/Affiliation)

Date:  
Time:

Comments: Sample # RP0005MS and RP0005MSD moved from MW02 to MW01. *1 cooler Recd at -11°C After being stored in freezer Until Monday 3-6-00 at 8:30am No Custody Seals JW 3-6-00* *1 cooler Recd at 20°C After being stored in Walkin Cooler until Monday 3-6-00 at 8:30am No Custody Seals JW 3-6-00*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	



**IT CORPORATION**

A Member of The IT Group

# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030300-QSK

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
RP0004 ✓	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP0004 ✓	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0005-MS ✓	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
RP0005-MS ✓	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0005-MS ✓	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	5 g EnCore	3 None except cool to 4 C	Volatiles by 8260B	N		
RP0005-MS ✓	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP0005-MSD ✓	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	5 g EnCore	3 None except cool to 4 C	Volatiles by 8260B	N		
RP0005-MSD ✓	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
RP0005-MSD ✓	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0005-MSD ✓	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP0007 ✓	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	5 g EnCore	3 None except cool to 4 C	Volatiles by 8260B	N		
RP0007 ✓	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	8 oz CWM	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
RP0007 ✓	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0007 ✓	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	5 g EnCore	3 None except cool to 4 C	Volatiles by 8260B	N		
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	8 oz CWM	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		



**Quicksilver**  
ANALYTICS INC

1309 Continental Drive, Suite N  
Abingdon, MD 21009-2335  
Phone 410-676-4300  
Fax 410-676-4004

March 3, 2000

Project Name: Fort McClellan  
Site Identification: Shell Tapping Area  
Analyst: Robert H. Lee

Sample Number	Sample Name	Sample Time	Sample Date
RP0007	Shell Tapping Area	0900	3/03/00
RP0008	Shell Tapping Area	1033	3/03/00
RP0001	Shell Tapping Area	1243	3/03/00
RP0004	Shell Tapping Area	1342	3/03/00

Samples RP0007, RP0008, RP0001, and RP0004 have been headspace analyzed and no agent was detected.  
I certify that Samples RP0007, RP0008, RP0001, and RP0004 are safe to transport.

**Sample coolers will not be opened and processed until receipt of a final agent clearance fax from the  
QS office in Abingdon, Maryland. *Encore samplers will be handled in accordance with any special  
instructions regarding immediate preservation, as required.***

Robert H. Lee  
Principal Chemist  
Quicksilver Analytics

MEMORANDUM FOR RECORD

SUBJECT: Sample Clearance

DATE: March 4, 2000

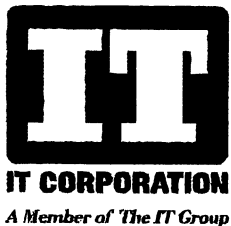
Then following samples taken from the Ft. McClellan (work for IT Group) on 3 March 2000 have been analyzed in accordance with the US Army Chemical Biological Forensic Analytical Center procedures and have been cleared for GB, HD and VX.

Field Sample Number	FAC Sample Number	Date / Time Taken	Sample Result
RP0007	98014-097-01	03-03-00 / 0900	<0.020 ug/g
RP0008	98014-097-02	03-03-00 / 1033	<0.020 ug/g
RP0001	98014-097-03	03-03-00 / 1243	<0.020 ug/g
RP0004	98014-097-04	03-03-00 / 1342	<0.020 ug/g

Questions or comments should be addressed to the undersigned at 410-676-4300.



J. Kirk Williams  
Principal Chemist  
QuickSilver Analytics, Inc.



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030300-QSK

Page 1 of 2

Project Number: 800492

Samples Shipment Date: 03 MAR 2000

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: Quanterra Environmental Services - Knoxville

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Jason Brown

Lab Contact: John Reynolds

Report To: Duane Nielsen

Turnaround Time: Normal

Project Contact: Randy McBride

312 Directors Drive

Knoxville

TN 37923

Carrier/Waybill No.: Fed Ex/Quicksilver

<b>Special Instructions:</b> Hold until Certificate of Analysis is faxed to your office			
<b>Possible Hazard Identification:</b> Non-hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input checked="" type="checkbox"/>		<b>Sample Disposal:</b> Return to Client <input type="checkbox"/> Disposal by Lab <input checked="" type="checkbox"/> Archive (mos.)	
1. Relinquished By (Signature/Affiliation) <i>DeKane</i>	Date: 03-03-00 Time: 1600	1. Received By (Signature/Affiliation) <i>Robt Lee</i>	Date: 3/03/2000 Time: 1453
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:
Comments: Sample # RP0005MS and RP0005MSD moved from MW02 to MW01.			

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	HAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330	N	
RP0001	RNG-208-MW01-SS-RP0001-REG	03 MAR 2000	12:43	8 oz CWM	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N	
RP0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	8 oz CWM	1	None except cool to 4 C	HAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	



IT CORPORATION

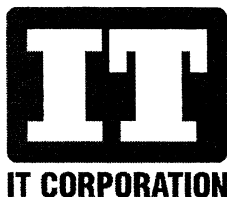
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# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030300-QSK

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
RP0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP0004	RNG-208-MW01-DS-RP0004-REG	03 MAR 2000	13:42	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0005-MS	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
RP0005-MS	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0005-MS	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	5 g EnCore	3 None except cool to 4 C	Volatiles by 8260B	N		
RP0005-MS	RNG-208-MW02-SS-RP0005-MS	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP0005-MSD	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	5 g EnCore	3 None except cool to 4 C	Volatiles by 8260B	N		
RP0005-MSD	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
RP0005-MSD	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0005-MSD	RNG-208-MW02-SS-RP0005-MSD	03 MAR 2000	12:43	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP0007	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	5 g EnCore	3 None except cool to 4 C	Volatiles by 8260B	N		
RP0007	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	8 oz CWM	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
RP0007	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0007	RNG-208-SB01-SS-RP0007-REG	03 MAR 2000	09:00	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	5 g EnCore	3 None except cool to 4 C	Volatiles by 8260B	N		
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	8 oz CWM	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N		
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP0008	RNG-208-SB01-DS-RP0008-REG	03 MAR 2000	10:30	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		



A Member of The IT Group

# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030800-QSK

Page 1 of 2

Project Number: 774645

Samples Shipment Date: 09 MAR 2000

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: Quanterra Environmental Services - Knoxville

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Jason Brown

Lab Contact: John Reynolds

Report To: Duane Nielsen

Turnaround Time: *Normal*

Project Contact: Randy McBride

312 Directors Drive

Knoxville

TN 37923

Carrier/Waybill No.: Quality Express/Courier

Special Instructions: None

## Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

## Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By  
(Signature/Affiliation)

*De K. Cee* IT

Date: 03/09/00

Time: 0900

1. Received By  
(Signature/Affiliation)

*Allyson OEE*

Date: 030900

Time: 0912

2. Relinquished By  
(Signature/Affiliation)

*Jason*

Date: 030900

Time: 1500

2. Received By  
(Signature/Affiliation)

*Justin*

Date: 03-09-00

Time: 15:00

3. Relinquished By  
(Signature/Affiliation)

Date:

Time:

3. Received By  
(Signature/Affiliation)

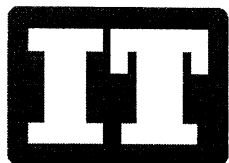
Date:

Time:

Comments: None

*Recd at 2°C  
Custody Seals Intact  
JN 3-9-00*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	<i>pk 22</i>
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L Amb. Glass	1	None except cool to 4 C	Nitroaromatics by 8330	N	
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N	
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	40 ml VOA VIAL	3	HCl<pH 2	Volatiles by 8260B	N	
030800-TB	FIELDQC-BW-030800-TB-TB	08 MAR 2000	16:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N	
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	



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HD0090232

# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030800-QSK

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	4 oz CWM	1 None except cool to 4 C	Total Organic Carbon by 9060	N		
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1 None Required	Grain Size by ASTM D421/D422	N		
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	40 mL VOA Vial	3 HCl<pH 2	Volatiles by 8260B	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1 None except cool to 4 C	Semivolatiles by 8270C	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L HDPE	1 HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		pH < 2
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		





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40C090243

# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030800-QSK

Page 1 of 2

Project Number: 774645

Samples Shipment Date: 09 MAR 2000

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: Quanterra Environmental Services - Knoxville

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Jason Brown

Lab Contact: John Reynolds

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *NORMAL*

Project Contact: Randy McBride

Carrier/Waybill No.: Quality Express/Courier

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By  
(Signature/Affiliation)

*DeKlee IT*

Date: 03/09/00

Time: 0900

1. Received By  
(Signature/Affiliation)

*OEE*

Date: 030900

Time: 0912

2. Relinquished By  
(Signature/Affiliation)

*Nielsen*

Date: 030900

Time: 1500

2. Received By  
(Signature/Affiliation)

*Justin White*

Date: 03-09-00

Time: 15:00

3. Relinquished By  
(Signature/Affiliation)

Date:

Time:

3. Received By  
(Signature/Affiliation)

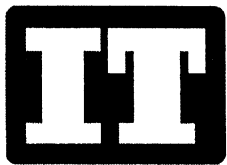
Date:

Time:

Comments: None

*Rec'd at 2°C  
Custody Seals Intact  
JW 3-9-00*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	<i>pk 2</i>
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L Amb. Glass	1	None except cool to 4 C	Nitroaromatics by 8330	N	
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N	
030300-ER	FIELDQC-BW-030300-ER-ER	08 MAR 2000	17:00	40 ml VOA VIAL	3	HCl<pH 2	Volatiles by 8260B	N	
030800-TB	FIELDQC-BW-030800-TB-TB	08 MAR 2000	16:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N	
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Semivolatiles by 8270C	N	



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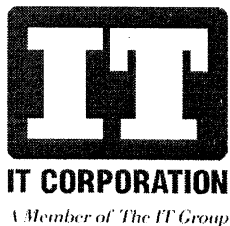
1706090243

# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-030800-QSK

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	4 oz CWM	1 None except cool to 4 C	Total Organic Carbon by 9060	N		
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1 None Required	Grain Size by ASTM D421/D422	N		
RP1001	RNG-208-SW/SD01-SD-RP1001-REG	08 MAR 2000	14:30	8 oz CWM	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM, Chem. Agt. Breakdown by 8270CWM	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	40 mL VOA Vial	3 HCl<pH 2	Volatiles by 8260B	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1 None except cool to 4 C	Semivolatiles by 8270C	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L HDPE	1 HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		pH < 2
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
RP2001	RNG-208-SW/SD01-SW-RP2001-REG	08 MAR 2000	14:30	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-062100-QSK

Page 1 of 2

HOF 220314

Project Number: 800492

Samples Shipment Date: 22 JUN 2000

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: Quanterra Environmental Services - Knoxville

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: John Reynolds

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Randy McBride

Carrier/Waybill No.: Quality Express/Courier

Special Instructions: None

## Possible Hazard Identification:

Non-hazard ☐Flammable ☐Skin Irritant ☐Poison B ☐Unknown ☒

## Sample Disposal:

Return to Client ☐Disposal by Lab ☒

Archive

(mos.)

1. Relinquished By  
(Signature/Affiliation)*O. K. Allen*Date: *6-22-00*Time: *0830*1. Received By  
(Signature/Affiliation)*Robert E. Myers*Date: *6-22-00*Time: *0830*2. Relinquished By  
(Signature/Affiliation)*Robert E. Myers*Date: *6-22-00*Time: *15:20*2. Received By  
(Signature/Affiliation)*Bryan K. Dameron*Date: *6-22-00*Time: *15:20*3. Relinquished By  
(Signature/Affiliation)

Date:

Time:

3. Received By  
(Signature/Affiliation)

Date:

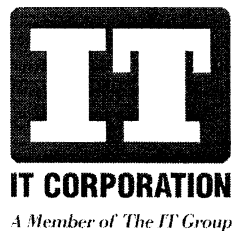
Time:

Comments: None

*Custody seals intact  
received at 2°C  
b/sd 6-22-00*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
062100-ER2	FIELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	40 ml VOA VIAL	3	HCl<pH 2	Volatiles by 8260B	N	RECEIVED BROKEN
062100-ER2	FIELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L Amb. Glass	1	None except cool to 4 C	Semivolatiles by 8270C	N	
062100-ER2	FIELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	P1742
062100-ER2	FIELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N	
062100-ER2	FIELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L Amb. Glass	1	None except cool to 4 C	Nitroaromatics by 8330	N	
062100-ER2	FIELDQC-QC-062100-ER2-ER	21 JUN 2000	16:00	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N	
062100-TB	FIELDQC-BW-062100-TB-TB	21 JUN 2000	07:00	40 ml VOA VIAL	2	HCl<pH 2	Volatiles by 8260B	N	
RP3001	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000	13:25	1 L Amb. Glass	1	None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N	

140F220314



# ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 208-062100-QSK

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
RP3001 /	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000	13:25	40 mL VOA Vial	3 HCl<pH 2	Volatiles by 8260B	N		
RP3001 /	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000	13:25	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
RP3001 /	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000	13:25	1 L Amb. Glass	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP3001 /	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000	13:25	1 L HDPE	1 HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		PH<2
RP3001 /	RNG-208-MW01-GW-RP3001-REG	21 JUN 2000	13:25	1 L Amb. Glass	1 None except cool to 4 C	Semivolatiles by 8270C	N		
RP3002 /	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	13:25	40 mL VOA Vial	3 HCl<pH 2	Volatiles by 8260B	N		
RP3002 /	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	13:25	1 L Amb. Glass	1 None except cool to 4 C	Semivolatiles by 8270C	N		
RP3002 /	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	13:25	1 L Amb. Glass	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP3002 /	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	13:25	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		
RP3002 /	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	13:25	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
RP3002 /	RNG-208-MW01-GW-RP3002-FD	21 JUN 2000	13:25	1 L HDPE	1 HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		PH<2
RP3004 /	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		PH<2
RP3004 /	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	11:35	1 L HDPE	1 HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		PH<2
RP3004 /	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Semivolatiles by 8270C	N		
RP3004 /	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		
RP3004 /	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	11:35	40 mL VOA Vial	3 HCl<pH 2	Volatiles by 8260B	N		
RP3004 /	RNG-208-MW02-GW-RP3004-REG	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	40 mL VOA Vial	3 HCl<pH 2	Volatiles by 8260B	N		
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	1 L HDPE	1 HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		PH<2
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Semivolatiles by 8270C	N		
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		
RP3004-MS /	RNG-208-MW02-GW-RP3004-MS	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
RP3004-MSD /	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Nitroaromatics by 8330	N		
RP3004-MSD /	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8321CWM	N		
RP3004-MSD /	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000	11:35	40 mL VOA Vial	3 HCl<pH 2	Volatiles by 8260B	N		
RP3004-MSD /	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Semivolatiles by 8270C	N		
RP3004-MSD /	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000	11:35	1 L Amb. Glass	1 None except cool to 4 C	Chem. Agt. Breakdown by 8270CWM	N		
RP3004-MSD /	RNG-208-MW02-GW-RP3004-MSD	21 JUN 2000	11:35	1 L HDPE	1 HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		PH<2